

FIG 1A.

KTCYEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGL
GKHNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGK

FIG 1B.

SNELHQVPSNCDCLNGGTCVSNKYFSNIHWCNCPKKFGGQHCEIDKS

FIG 1C.

SNELHQVPSNCDCLNGGTCVSNKYFSNIHWCNCPKKFGGQHCEIDKSKTC
YEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGKKPSSPPEELKFQ
CGQKTLRPRFKIIGGEFTTIENQPWF AAIYRRHRGGSVTYVCGGSLISPCWV
ISATHCFIDYPKKEDYIVYLGRSRLNSNTQGEMKFEVENLILHKDYSADTL
AHHNDIALLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFGTSCEITGFGKENS
TDYLYPEQLKMTVVKLISHRECQQPHYYGSEVTTKMLCAADPQWKTDSC
QGDSGGPLVCSLQGRMTLTGIVSWGRGCALKDKPGVYTRVSHFLPWIRSH
TKEENGLAL

FIG 1D.

SNELHQVPSNCDCLNGGTCVSNKYFSNIHWCNCPKKFGGQHCEIDKSKTC
YEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGK

FIG 1E.

KPSSPPEELKFQCGQKTLRPRFKIIGGEFTTIENQPWF AAIYRRHRGGSVTY
VCGGSLISPCWVISATHCFIDYPKKEDYIVYLGRSRLNSNTQGEMKFEVEN
LILHKDYSADTLAHHNDIALLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFG
TSCEITGFGKENSTDYLYPEQLKMTVVKLISHRECQQPHYYGSEVTTKMLC
AADPQWKTDSCQGDSGGPLVCSLQGRMTLTGIVSWGRGCALKDKPGVYT
RVSHFLPWIRSHTKEENGLAL

FIG 1E.

SNELHQVPSNCDCLNGGTCVSNKYFSNIHWCNCPKKFGGQHCEIDKSKTC
YEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGK//LKFCGQKTL
RPRFKIIGGEFTTIENQPWFAAIYRRHRGGSVTYVCGGSLISPCWVISATHCF
IDYPKKEDYIVYLGRSRLNSNTQGEMKFEVENLILHKDYSADTLAHHNDIA
LLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFGTSCEITGFGKENSTDYLYPE
QLKMTVVKLISHRECQQPHYYGSEVTTKMLCAADPQWKTDSCQGDSGGP
LVCSLQGRMTLTGIVSWGRGCALKDKPGVYTRVSHFLPWIRSHTKKEENGL
AL

FIG 1G.

SNELHQVPSNCDCLNGGTCVSNKYFSNIHWCNCPKKFGGQHCEIDKS//KPS
SPPEELKFQCGQKTLRPRFKIIGGEFTTIENQPWFAAIYRRHRGGSVTYVCG
GSLISPCWVISATHCFIDYPKKEDYIVYLGRSRLNSNTQGEMKFEVENLILH
KDYSADTLAHHNDIALLLKIRSKEGRCAQPSRTIQTICLPSMYNDPQFGTSCE
ITGFGKENSTDYLYPEQLKMTVVKLISHRECQQPHYYGSEVTTKMLCAAD
PQWKTDSCQGDSGGPLVCSLQGRMTLTGIVSWGRGCALKDKPGVYTRVS
HFLPWIRSHTKKEENGLAL

FIG 1H.

SNELHQVPSNCDCLNGGTCVSNKYFSNIHWCNCPKKFGGQHCEIDKSKTC
YEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGLGK
HNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGKKPSSPPEE

FIG 1I.

KTCYEGNGHFYRGKASTDTMGRPCLPWNSATVLQQTYHAHRSDALQLGL
GKHNYCRNPDNRRRPWCYVQVGLKPLVQECMVHDCADGKKPSSPPEE

FIG 1J.

aaaacctgctatgaggggaatggtcacttttaccgaggaaaggccagcactgaca
ccatggggccggccctgcctgccctggaactctgccactgtccttcagcaaacgta
ccatgcccacagatctgatgctcttcagctgggcctggggaaacataattactgc
aggaacccagacaaccggaggcgaccctggtgctatgtgcaggtgggcctaaagc
cgcttgtccaagagtgcattggtgcatgactgcgagatggaaaa

FIG 1K.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
gtgtgtccaacaagtacttctccaacattcactggtgcaactgccc aaagaaatt
cggagggcagcactgtgaaatagataagtcaaaaacctgctatgaggggaatggt

FIG 1L.

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FIG 1M.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
gtgtgtccaacaagtacttctccaacattcactgggtgcaactgccccaaagaaatt
cggaggggcagcactgtgaaatagataagtcaaaaacctgctatgaggggaatggg
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FIG 1N.

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FIG 10.

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ga

FIG 1P.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
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FIG 1Q.

agcaatgaacttcatcaagttccatcgaactgtgactgtctaaatggaggaacat
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FIG 1R.

aaaacctgctatgaggggaatggtcacttttaccgaggaaaggccagcactgaca
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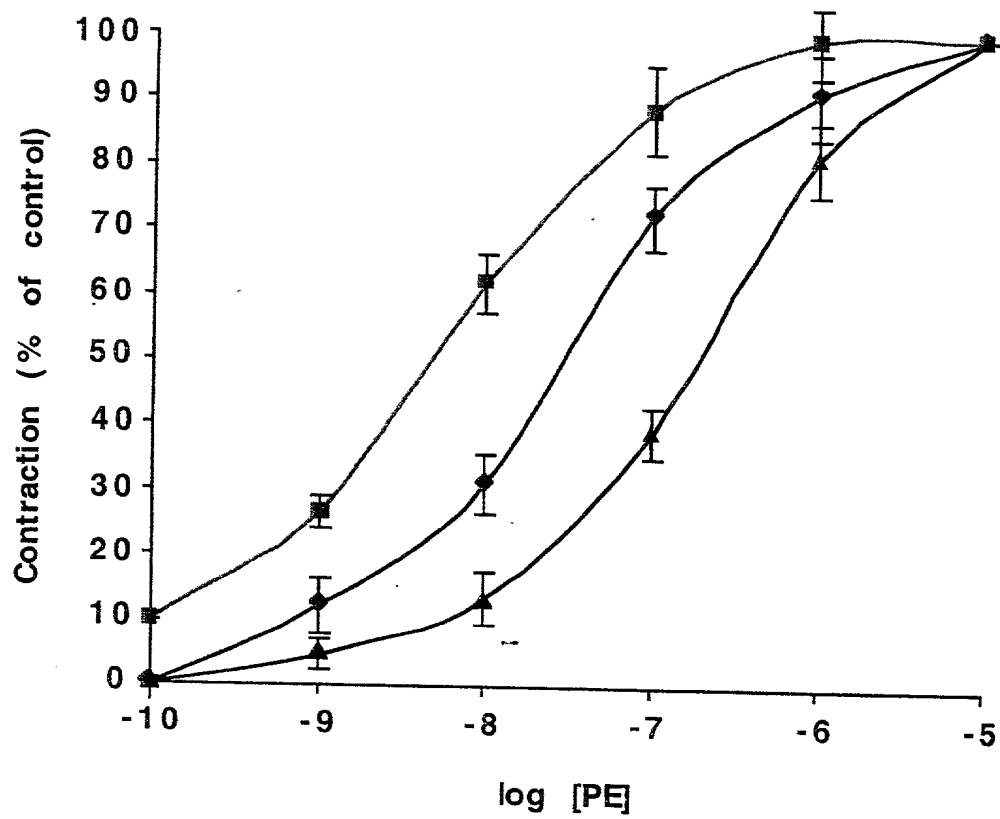


FIGURE 2

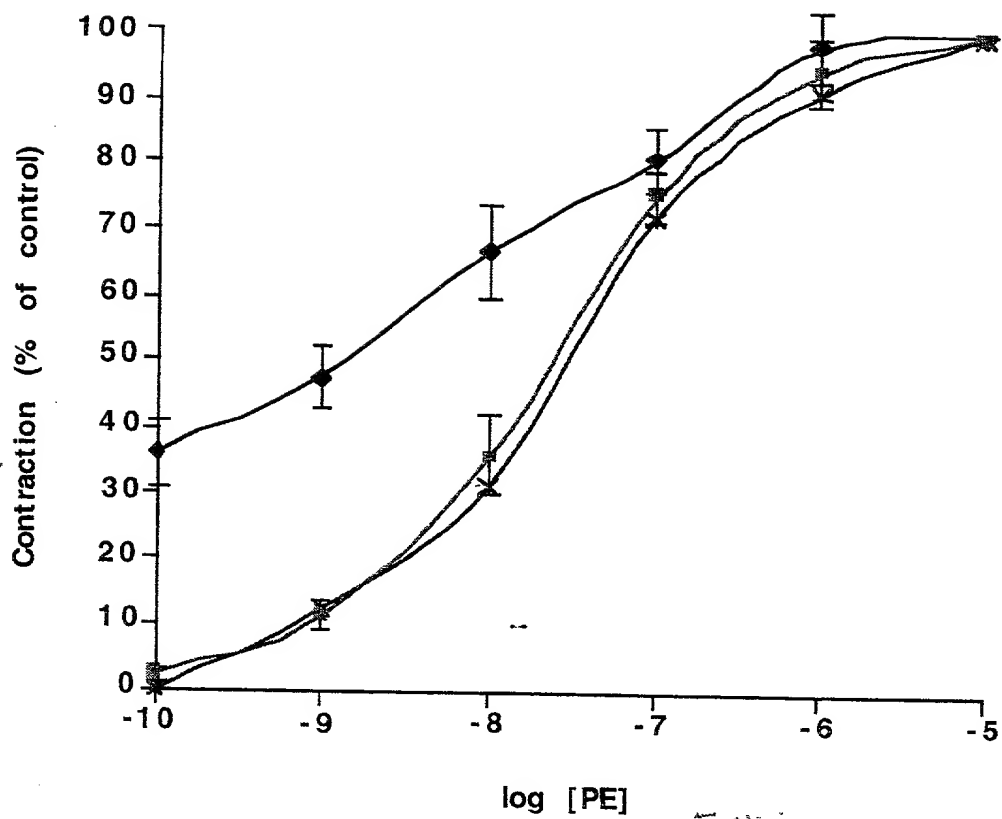


FIGURE 3

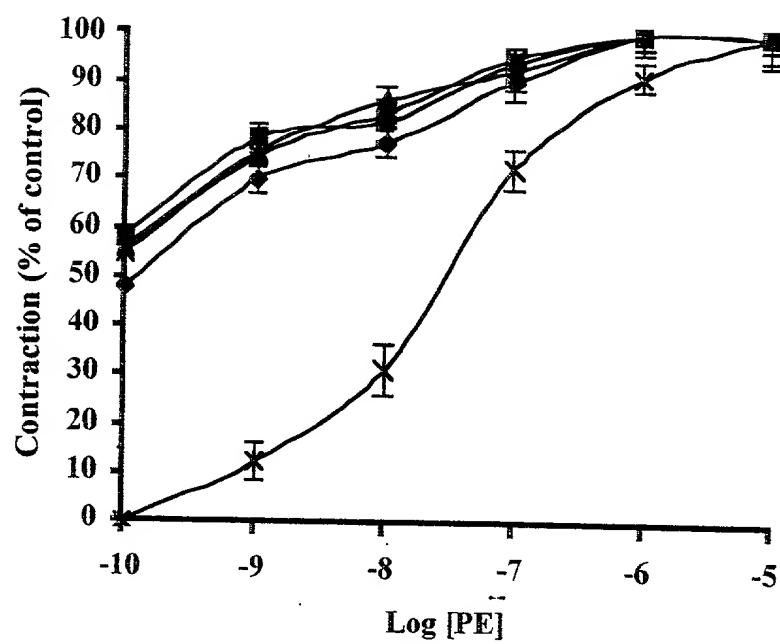


FIGURE 4

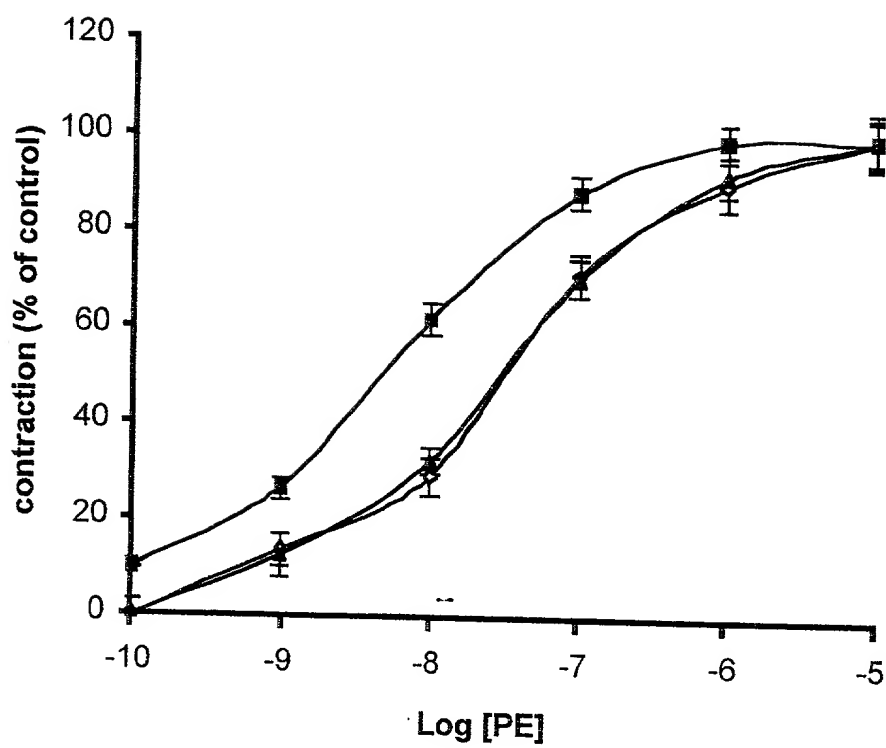


FIGURE 5A

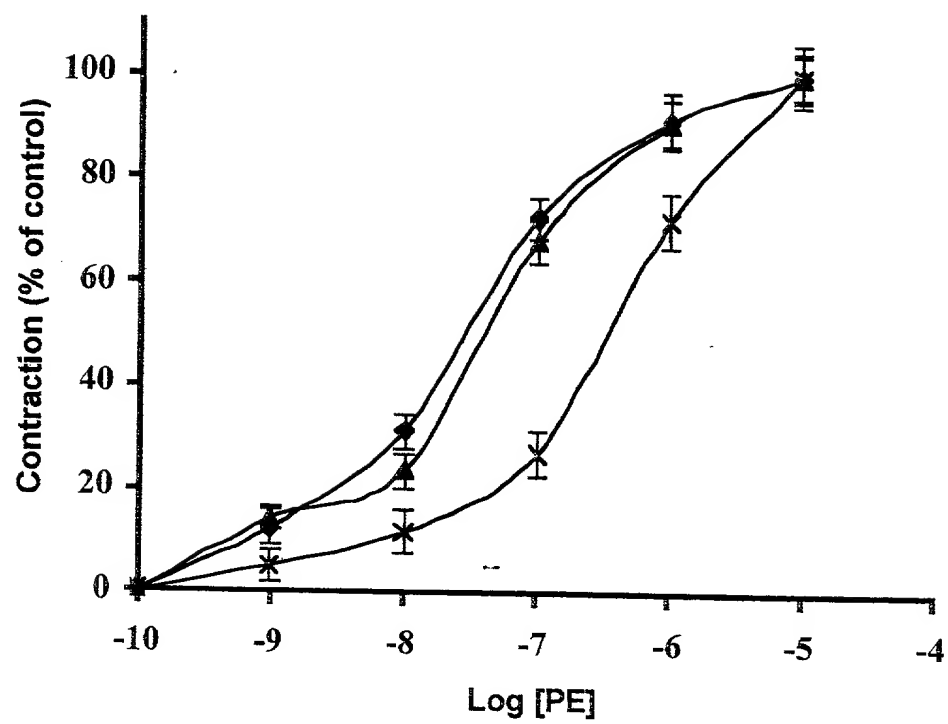
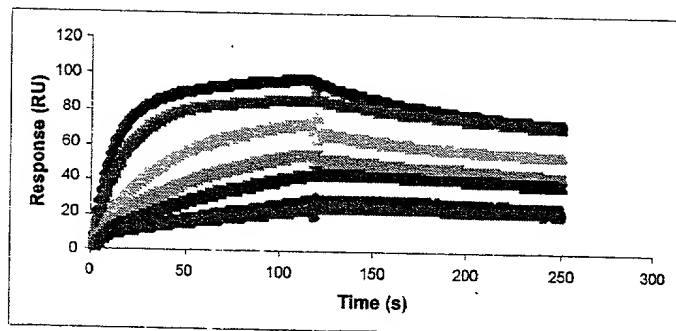
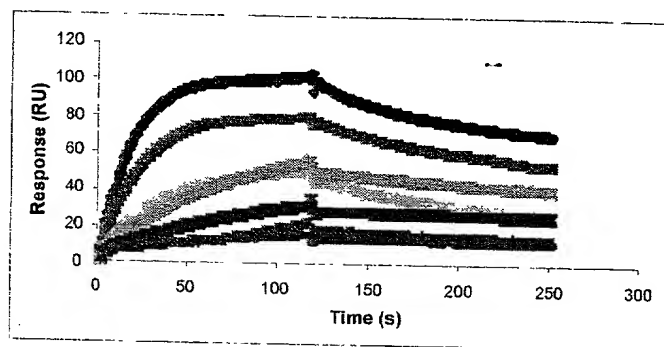


FIGURE 5B

A



B



C

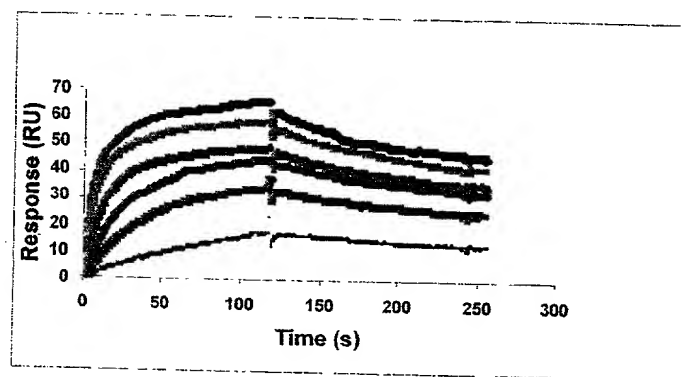


FIGURE 6

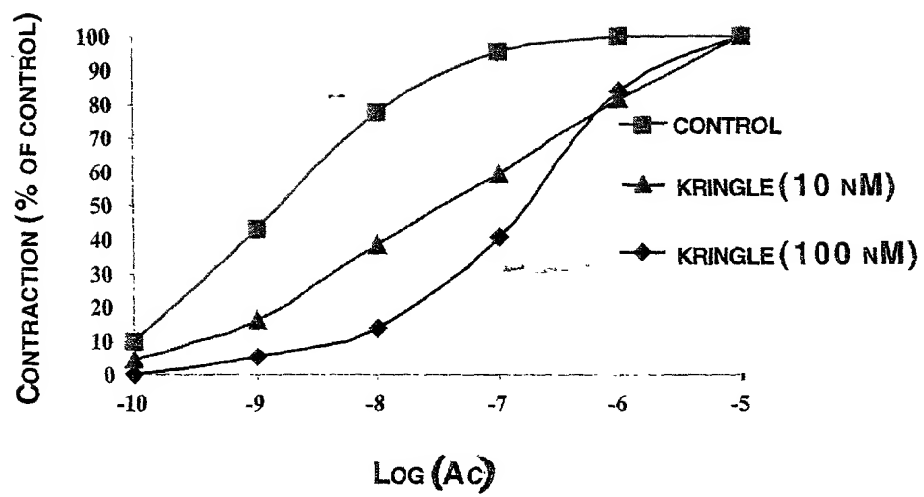


FIGURE 8